

**AP6 Rec'd PCT/PTO 21 MAR 2006**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Lynn Stam

CONFIRMATION NO.:9999

U.S. APPLICATION NO: 10/527,571

INTERNATIONAL APPLICATION NO: PCT/US03/24982

INTERNATIONAL FILING DATE: 08/08/2003

FOR: NUCLEIC ACID SEQUENCES FROM DROSOPHILA MELANOGASTER THAT  
ENCODE PROTEINS ESSENTIAL FOR VIABILITY AND USES THEREOF

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE

Sir:

The Notification of Defective Response mailed March 10, 2006 (a copy of which is enclosed) has a shortened statutory time set to expire on April 10, 2006.

In response, Applicant hereby submits a computer readable form (CRF) of the substitute Sequence Listing on CD-R and a Statement of Verification. A copy of the Raw Sequence Listing Error Report is also enclosed.


Applicant believes there is no fee required for this response. However, the Commissioner is hereby authorized to charge any fees under 37 CFR §1.17, which may be required, to Deposit Account No. 50-1744 in the name of Syngenta Biotechnology, Inc.

If the Examiner has any questions regarding this submission, please contact the undersigned attorney.

Respectfully submitted,

Syngenta Biotechnology, Inc.  
Patent Department  
3054 Cornwallis Road  
Post Office Box 12257  
Research Triangle Park, NC 27709-2257

Date: March 17, 2006

  
Mary Kakeruda  
Attorney for Applicants  
Reg. No. 39,245  
Phone: (919) 765-5071

→ M.R.

Page 1 of 2  
**RECEIVED**

MAR 15 2006



**UNITED STATES PATENT AND TRADEMARK OFFICE**

SYNGENTA  
UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/527,571	Lynn Stam	70131USPCT

22847  
SYNGENTA BIOTECHNOLOGY, INC.  
PATENT DEPARTMENT  
3054 CORNWALLIS ROAD  
P.O. BOX 12257  
RESEARCH TRIANGLE PARK, NC 27709-2257

INTERNATIONAL APPLICATION NO.	
PCT/US03/24982	
I.A. FILING DATE	PRIORITY DATE
08/08/2003	10/30/2002

**CONFIRMATION NO. 9999**  
**371 FORMALITIES LETTER**

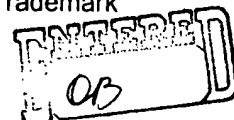


Date Mailed: 03/10/2006

**NOTIFICATION OF DEFECTIVE RESPONSE**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

*Due: April 10, 2006.*



- Priority Document
- Copy of the International Application filed on 03/14/2005
- Copy of the International Search Report filed on 03/14/2005
- Preliminary Amendments filed on 03/14/2005
- Information Disclosure Statements filed on 06/22/2005
- Biochemical Sequence Diskette filed on 01/09/2006
- Oath or Declaration filed on 03/14/2005
- Biochemical Sequence Listing filed on 01/09/2006
- Request for Immediate Examination filed on 03/14/2005
- U.S. Basic National Fees filed on 03/14/2005
- Priority Documents filed on 03/14/2005
- Power of Attorney filed on 03/14/2005
- Specification filed on 03/14/2005
- Claims filed on 03/14/2005
- Abstracts filed on 03/14/2005

Applicant's response filed 01/09/2006 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 12/16/2005 have not been completed.

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

**Applicant is required to complete the response within a time limit of ONE MONTH from the date of this**

Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patent Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patent Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/527,571	PCT/US03/24982	70131USPCT

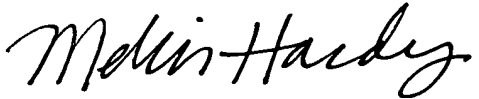
**FILING BY "FIRST CLASS MAIL" UNDER 37 C.F.R. § 1.8**

I hereby certify that the following correspondence is being deposited with the United States Postal Service as "First Class Mail" with proper postage in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 17, 2006.

- 1) Response to Notification of Defective Response
- 2) Copy of the Notification of Defective Response mailed March 10, 2006
- 3) Copy of the Raw Sequence Listing Error Report
- 4) Submission of Substitute Sequence Listing including Statement of Verification
- 5) Computer Readable Form of the Substitute Sequence Listing on CD-R (3 copies)
- 6) Return Postcard

Melissa Hardy

Name



Signature